

CSWC Operational Period Summary

1800 March 10 2016 to 0600 March 11 2016



Checking the water level along the Russian River in Monte Rio, Sonoma County.

Photo Credit: Leah Millis/The Chronicle



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SITUATION SUMMARY

National News – Significant Events

Jackson, Mississippi residents asked to boil water, limit water use

(Reuters) Residents in Jackson, Mississippi, the largest city in the state, were asked to boil their water and limit water use early on Friday after heavy rains and a mechanical issue caused a system outage, the city said. The city's public works department was working to restore water to households after a weather-related issue at one treatment facility and a broken valve at another facility temporarily caused an outage, the city said on a Facebook post late Thursday night. "All repairs have been made and service is being restored to the system," the city said in the post. A boil water notice was issued for the entire system and customers were asked to limit their water usage until Friday morning, the city said. The capital city of Mississippi of about 170,000 people, like the rest of the region, was inundated over the last few days with heavy rains and was under a National Weather Service flood warning until Friday morning and a flash flood watch until Saturday. Other parts of Mississippi, along with parts of Arkansas, Texas, Louisiana and Tennessee, were also under flood warnings early Friday morning after more than a foot of rain fell in the U.S. South over the last few days. The heavy downpours killed at least four people this week and prompted evacuations and rescues.

International News – Significant Events

Ceremonies, silence mark 5th anniversary of Japan tsunami

(USA Today) Japan marked the fifth anniversary of one of the worst natural disasters in its history Friday with solemn memorials and a nationwide moment of silence. Walls of water 30 feet high or more devastated towns and villages along hundreds of miles of rugged coastline and caused a partial meltdown at the Fukushima nuclear power plant. It also helped to bring down a government and brought lasting changes to Japanese society. Prime Minister Shinzo Abe led a nationally televised remembrance ceremony in the capital Friday attended by 82-year-old Emperor Akihito and 81-year-old Empress Michiko. The frail but beloved Imperial couple helped console a grieving nation by visiting emergency shelters and evacuation centers in the days and weeks following the disaster, which killed nearly 20,000 people. Abe expressed sympathy for the victims and said the lessons of March 11, 2011, would contribute to global disaster preparedness. "Japan will continue to show the world the lessons learned from (the disaster) and the way we are recovering," he said. Akihito paid tribute to both survivors and victims and said that while much progress had been made, much work remained. "It is important that everyone's hearts continue to be with the afflicted, so that each and every person in difficulty, without exception, will be able to get back their normal lives as soon as possible," he said. Schools, businesses, government offices and even Tokyo's vast subway and train system came to a halt at 2:46 p.m. Local time Friday, the exact moment that the magnitude-9.0 earthquake struck about 40 miles off Japan's northeast coast. Bells rang and citizens bowed their heads nationwide during a minute of silence. The Great East Japan Earthquake was one of the strongest quakes ever recorded and triggered towering waves that overwhelmed levees and seawalls and climbed as high as 90 feet in the coves and narrow valleys that dot the coastline. It inundated the international airport at Sendai, more than mile inland. The waves also triggered a partial meltdown at the Fukushima nuclear power plant and forced the evacuation of some 160,000 people from the surrounding area. Nearly 60,000 evacuees remain in temporary housing across the disaster zone, mostly in pre-fabricated units originally intended to last just three years. Many are not expected to return to their homes or move to permanent housing until 2018 at the earliest. Some 10 million vinyl bags filled with a cubic meter (35 cubic feet) of contaminated dirt have been stacked in the surrounding countryside as part of the massive cleanup effort. The crippled Fukushima plant is being de-commissioned — a process expected to take at least 40 years.



SITUATION SUMMARY

Spill 16-1519, Sewage Release, Penngrove, Sonoma County

On 03/10/2016 at 1925 hours the California State Warning Center (CSWC) received notification of a sewage release from Sonoma County Water Agency. The release occurred at 1737 hours at 49 Ely Rd. Penngrove, Sonoma County. A total of 10,000 gallons overflowed from three manholes. The release is not contained, with a total of 105 gallons per minute being released.

- An unknown amount has entered Lichau Creek.
- This is a continuous release and a vacuum truck is on scene attempting to vacuum up the release.
- Signs will be posted within the next hour.
- No drinking water involved. Notifications made per SOP.
- There are no requests for assistance or unmet needs.

Spill 16-1522, Sewage Release, Mill Valley, Marin County

On 03/10/2016 at 2214 hours the California State Warning Center (CSWC) received notification of a sewage release from Tamalpais Community Services District. The release occurred at 1900 hours at 423 Shoreline Highway, Mill Valley, Marin County. A root ball caused a blockage on a mainline which caused the release of approximately 30,000 gallons of sewage.

- The recovery of the released sewage is in progress.
- An unknown amount entered Coyote Creek; an engineer will be arriving today to get an estimate on how much entered the creek.
- Contractors will be conducting cleanup of the release.
- No drinking water involved. Notifications made per SOP.
- There are no requests for assistance or unmet needs.

Ventura County EOC

On 03/11/2016 0654 hours the California State Warning Center (CSWC) received notification that the Ventura EOC will be activated to Level 1 to support the Nancy Reagan Funeral Operation from 0700-2000. Per the Cal OES SDO no support is requested at this time.

SITUATION SUMMARY

Navarro River at Navarro Predicted To Exceed Flood Stage, Mendocino County

CNRFCC is predicting that the Navarro River at Navarro will reach **34.4 feet today at 1800 hours, 11.4 feet** above flood stage.

- **The river is forecast to reach flood stage again on Monday at 0300 hours, peaking at 28 feet, 5 feet above flood stage.**
- Mendocino County OES will begin public messaging of any impacts today if projections hold.
- Mendocino OES does not anticipate activating the EOC for this event.
- The Sheriff's office will be monitoring the five homes along the Navarro River in this area. These homes are primarily vacation homes and are on stilts.

Department of Water Resources, Flood Operations (DWR)

- DWR reported on 03/10/16 at 1427 hours that some river sites are beginning to be downgraded.
- DWR FOC is still planning on remaining on duty officer status through the weekend and will reevaluate today.

Inland Region Actions

- Inland Region has surveyed all but one Operational Area (OA) listed in the National Weather Service (NWS) Sacramento Flood Watch.
- All OA's are monitoring the storm impacts. Many have conducted internal outreach throughout their OA's.
- Placer and Sacramento Counties are conducting daily OA conference calls.
- Several OA's have done social media outreach and press releases on the flood watch, reminding residents of sand bag locations and the importance of avoiding low lying flooded areas.
- Calaveras has done reverse 911 for residents in the burn area that could be impacted by mud and debris flows.
- No Local EOC activations are planned at this time.
- **Dunsmuir - City Fire/OES is concerned about the potential for flooding along the Upper Sacramento River. According to the National Weather Service the possibility exists for critical flood levels in the Upper Sacramento River that will impact some Southern Siskiyou and Northern Shasta County communities for the next 4-5 days.**
 - **The City of Dunsmuir Fire Chief/OES has prepared an evacuation advisory and an evacuation order in advance of potential evacuations this weekend. 500-700 persons would be affected if the scenario occurs.**
 - **No evacuation advisories have been issued at this time.**
- **Box Canyon is spilling over the spillway of the dam, not through the gates so it is not controlled.**
- **The City Fire and County Sheriff have met and reviewed procedures for public notifications for road closures, evacuation and care and shelter and the acting County OES Manager has been advised. Dunsmuir and the county have only taken precautionary measures at this point.**
 - **DWR is aware of activities and forecasts on the Sacramento River through the Flood Ops Center.**

Coastal Region Actions

- Current predictions indicate the Russian River will crest **at 34 feet** Saturday morning. At this level, low-lying areas along the lower Russian River are expected to experience flooding including the potential for some evacuations and sheltering needs.
- Sonoma County is anticipating activating the Operational Area EOC and the Russian River Incident Command Post (Graton Fire Station) at 1600 hours today.
- Other OAs are expecting some minor flooding to low lying areas and some street flooding, but not expecting any major problems or EOC activations.



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SITUATION SUMMARY

Weather of Concern

Northern California

- Valley locations could see 2 to 4" inches of rain. Higher amounts are expected over the Foothills and Mountains, with 5 to 11" inches of precipitation possible through early next week.
- Very heavy snow likely in the mountains this weekend and early next week. Snow is expected to begin late Friday night and continue with varying intensity through Monday evening.
 - For the west and southwest facing slopes of the Siskiyou Mountains, 1 to 2 feet above 5000 feet with locally higher amounts up to 4 feet possible.
 - Saturday through Monday, 1 to 3 feet above 5000 feet and 4 feet of snow or greater possible across the highest peaks of the Northern Sierra Nevada's
 - Further south, snow will begin around mid-day, becoming heavy at times during the afternoon and through the evening. Snow levels will lower to around 5000 feet during the evening. Tapering to snow showers and diminishing overnight.
 - Heavy snow combined with wind, will likely result in hazardous mountain travel and road closures.
- Be prepared for rapid rises and minor flooding on area creeks, streams, and rivers.

Southern California

- There is the potential for brief snow showers across Interstate 5 near the grapevine tonight.
- For the Los Angeles mountains, snow levels will generally be around 7000 feet with most of the precipitation ahead of the front this afternoon. Snow levels will rapidly lower behind the front, ranging between 4500 and 5000 feet late this afternoon into tonight. Snow levels could locally fall to around 4000 feet near heavier showers or thunderstorms
 - Snow levels for the Riverside and San Bernardino mountains, around 8000 feet Friday afternoon, lowering to around 5500 feet Friday night. Trace to 2 inches 5000-6000 feet 2 to 4 inches 6000-7000 feet and 4 to 6 inches above 7000 feet.
- For the Central Valley, south to southwest winds will increase to 20 to 30 mph with gusts to 45 mph this morning, continuing through the afternoon. Winds are expected to weaken during the early evening.
- In Southeast California, southwest winds will increase to 25 to 35 mph with gusts to 50 mph during the early afternoon, continuing into the evening.
- For the Central Coast Surf will build today to 8 to 12 feet, then build to 10 to 15 feet tonight into Saturday, before further building to 12 to 18 feet Sunday night into Monday. The surf should then slowly subside through Tuesday.
- For Oxnard and Los Angeles, surf will build this afternoon to 5 to 8 feet, then build to 7 to 10 feet tonight into Saturday. The surf should then slowly subside Sunday into Monday.



SITUATION SUMMARY

Coastal Region weather warnings, watches and advisories

- [Areal Flood Watch in effect through Sunday morning for the following counties: Del Norte, Humboldt, Mendocino](#)
- Flood Watch in effect through Sunday evening for the following counties::Lake, Solano
- Flash Flood Watch in effect through Sunday evening for the following counties: Napa, Contra Costa, Santa Clara, Alameda, San Mateo, Marin, San Francisco and Santa Cruz
- Flash Flood Warning in effect until further notice: Sonoma

Inland Region weather warnings, watches and advisories

- Flood Watch in effect through Sunday for the following counties: San Joaquin, Sacramento, Solano, Yuba, Tuolumne, El Dorado, Stanislaus, Sutter, Calaveras, Nevada, Placer, Glenn, Shasta, Butte, Amador, Tehama, Colusa and Yolo
- Winter Storm Watch in effect from Saturday 03/12/2016 1600 through Monday 03/14/2016 1000 Hours for the following counties: Lassen, Plumas, Sierra, Nevada, Placer, El Dorado and Alpine

River Forecasts

The following rivers are either at or projected to reach Flood Stage as of **0650 hrs.**

Coastal Region

Navarro River at Saint Helena (Napa County): Projected to reach flood stage today [at 1100 hours](#) and peak at [17.3 feet](#) at 1400 hours:

- Impacts: Minor flooding begins to affect the entire reach including the lowest areas of towns along the reach. Rural areas including many secondary roads affected. Primary roads begin to flood.

Navarro River at Navarro (Mendocino County): Projected to reach flood stage today [at 1000 hours](#) and peak at [34.4 feet](#) at [1800 hours](#):

- Impacts: Significant flooding and damage of houses and property along the river approximately 1 mile east of Highway 1. Complete closure of Highway 128.

Russian River at Guerneville (Sonoma County): Projected to reach flood stage today [at 2300 hours](#) and peak at 34 feet on March 12 [at 0800 hours](#):

- Impacts: Moderate flooding is forecast to occur with the lowest sections of Guerneville and Monte Rio expected to flood. The south end of the Guerneville bridge is expected to be inundated. Mirabel Trailer Park and Resort are forecast to begin flooding.

SITUATION SUMMARY

The following Rivers are currently projected to reach or are at Monitor Stage as of 0650 hours:

Inland Region:

- Scott River Fort Jones (Siskiyou County)
- Yolo Bypass at Lisbon (Yolo County)
- Sacramento River at Colusa Weir (Colusa County)
- Sacramento River at Colusa Bridge (Colusa County)
- Sacramento River at Tisdale Weir (Colusa County)
- Sacramento River at Tehama Bridge (Tehama County)
- Sacramento River at Fremont Weir (Sutter County)
- Sacramento River at Ord Ferry (Glenn County)
- Cosumnes River at Michigan Bar (Sacramento County)
- Cosumnes River at McConnell (Sacramento County)

Coastal Region

- Eel River at Fernbridge (Humboldt County)
- Russian River at Hopland (Mendocino County)
- Mad River at Arcata (Humboldt County)
- Van Duzen at Bridgeville (Humboldt County)
- Clear Lake at Lakeport (Lake County)
- Napa River (Napa County)

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/www_bc_cal.php

Cal EOC Incident – 2014 Drought

SOC / Inland REOC remains activated in support of 2014 Drought.

SITUATION SUMMARY

Storm Related Road Closures

Location: District 1, US 101, Mendocino, Due to a rock slide, Route is closed 2.7 mi north of the Jct. of SR 1

- Estimated Time of Reopening: Unknown

Location: District 4, SR 12, Sonoma, Due to flooding, Route still closed from 1 mi east of Sonoma /at Watmaugn Rd/ to the Jct. of SR 121

- Estimated Time of Reopening: **Noon 3/11**

Location: District 4, SR 121, Sonoma, Schellville, Due to flooding, Route still closed from Eight St to the Jct. of SR 116

- Estimated Time of Reopening: **Noon 3/11**

Location: District 4, SR 1, Sonoma, Due to flooding, Route closed 1 mi north of the Marin/Sonoma County Line

- Estimated Time of Reopening: Unknown

Location: District 5, SR 236, Santa Cruz, Due to downed power lines from a downed tree, Route closed 6 mi north of Bracken Brea

- Estimated Time of Reopening: Unknown

Location: District 1, SR 1, Mendocino, Due to a Rock Slide, Route closed 1.8 mi north of DeHaven

- Estimated Time of Reopening: Unknown

Location: District 1, SR 1, Sonoma, Due to downed tree, Route closed 6.7 mi north of timber Cove / at Stump Beach

- Estimated Time of Reopening: Unknown

WEATHER

WEATHER SYNOPSIS BY REGION:

NORTHERN CALIFORNIA AND CENTRAL COASTAL AREAS:

Medford Weather:

The forecast calls for continued rounds of wind and precipitation to the area. The next wave will move onshore this afternoon with most of the energy directed into Northern California. That's where the bulk of the precipitation will fall. The heaviest precipitation will extend from the Mount Shasta area northwest through western Siskiyou County. Winds will not be a major factor, except over the southern Shasta valley.

Eureka Weather:

Periods of rain will persist through the weekend into early next week. A drying trend will begin on Tuesday with temperatures warming mid next week.

Reno Weather:

A series of winter weather systems will impact the region this weekend. Gusty winds can be expected each day with periods of mountain snow and valley rainfall today and Saturday. The best chances will occur Sunday into Monday. A dry and warmer trend will then become established for the remainder of next week as high pressure rebuilds.

San Francisco Weather:

Widespread rainfall will spread rapidly southeastward across the district this morning and early afternoon as a cold front pushes inland. Trailing showers will taper off this evening and overnight. A short break in the wet weather is then expected late tonight into Saturday morning, but then two more weather systems will spread additional rounds of precipitation in from the northwest over the weekend. Dry conditions and a warming trend are expected for next week.

Sacramento Weather:

A weather system moves through Northern California today with periods of moderate rain and high elevation snow. A second system arrives by later Saturday with a third on Sunday. Heavier precipitation at times will bring increased potential for stream flooding across the lower elevations and periods of whiteout conditions over the northern Sierra passes, especially over the weekend.

WEATHER

WEATHER SYNOPSIS BY REGION:

CENTRAL CALIFORNIA AND SOUTHERN SAN JOAQUIN VALLEY:

Hanford Weather:

A trough of low pressure will move across the region today and tonight bringing widespread rain and mountain snow along with increased winds. A second weather system will move into the north later Saturday and Sunday for a continued threat of unsettled weather.

SOUTHERN CALIFORNIA:

Los Angeles Weather:

A cold front will bring rain, mountain snow and isolated thunderstorms to the area today into early tonight. Dry and cool weather is expected Saturday. The southern end of a plume of moisture off the pacific could bring some light rain to northern areas Sunday through Monday. A significant warming trend is expected during midweek, with well above normal temperatures in most areas.

Extreme Southwestern California including Orange, San Diego, Western Riverside and Southwestern San Bernardino Counties:

A quick moving pacific cold front will sweep across the region from late this afternoon through Saturday morning, bringing a period of rain, isolated thunderstorms, and gusty winds. Heavy snow will also be expected in the highest mountains. Much cooler weather will continue over the weekend with light rain showers possible Sunday night into early Tuesday. High pressure will create dry and warmer weather by the middle of next week.

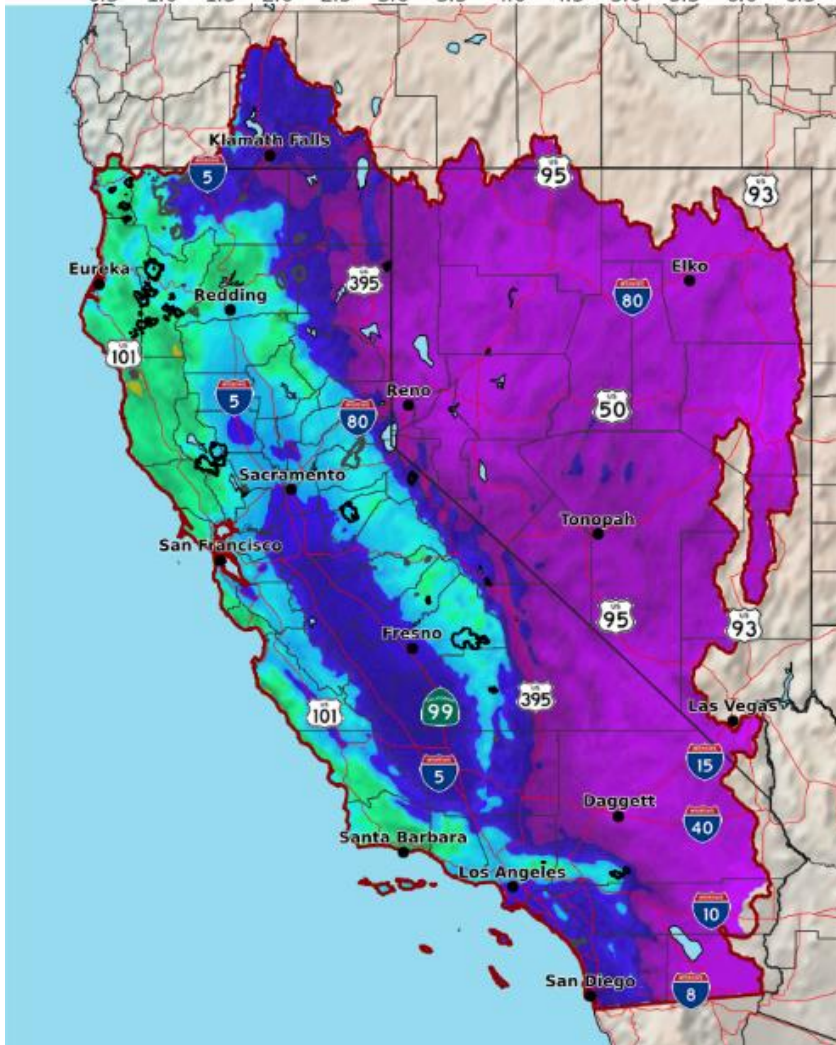
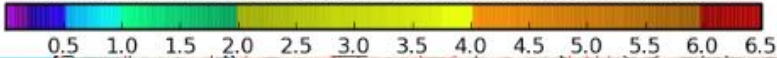
Southeast California Weather:

A quick hitting storm will bring gusty winds and a chance of precipitation to much of the area today and tonight. Expect another warm day today before cooler temperatures before more seasonal conditions settle in for the weekend. Another system will bring a chance of precipitation to the sierra and southern great basin Sunday night and Monday. Dry and warm conditions then return to the region by the middle of next week.

STATE WEATHER MAP

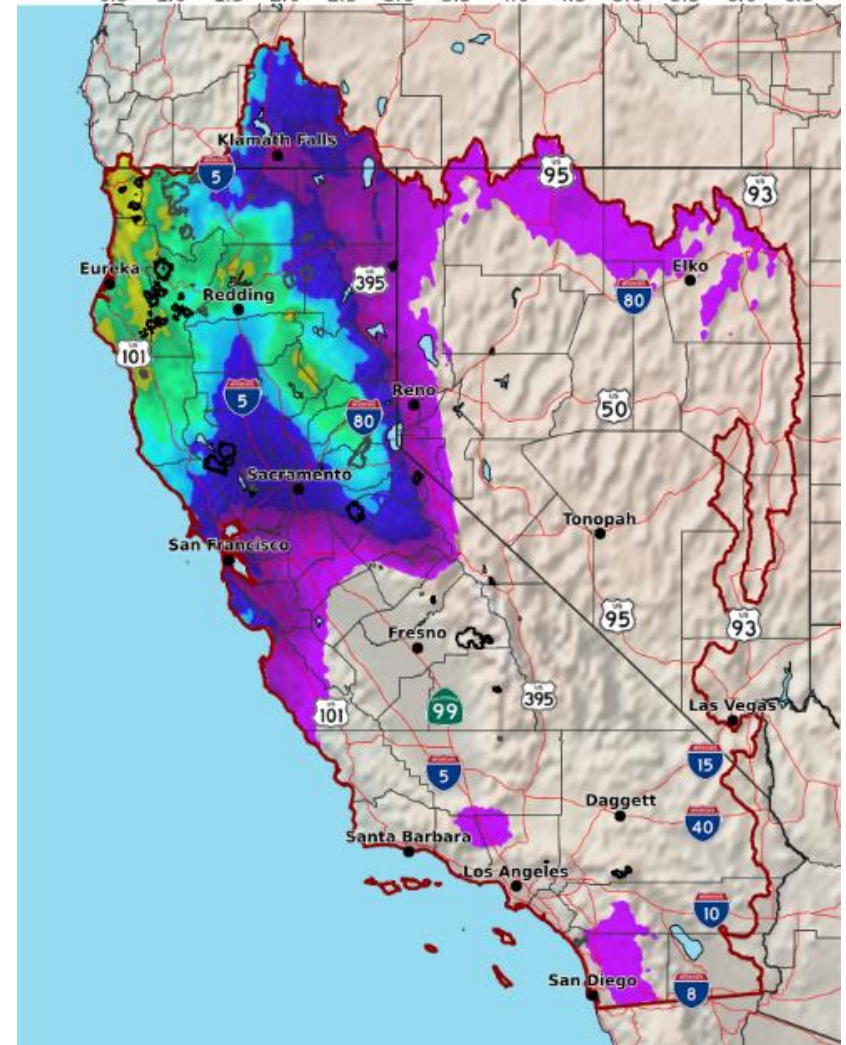
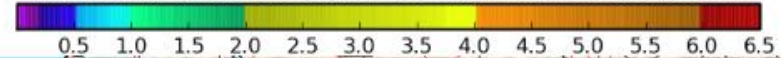
24-Hour Forecast Precipitation (Inches)

Valid: Fri Mar 11, 2016 at 04 AM PST to Sat Mar 12, 2016 at 04 AM PST



24-Hour Forecast Precipitation (Inches)

Valid: Sat Mar 12, 2016 at 04 AM PST to Sun Mar 13, 2016 at 05 AM PDT

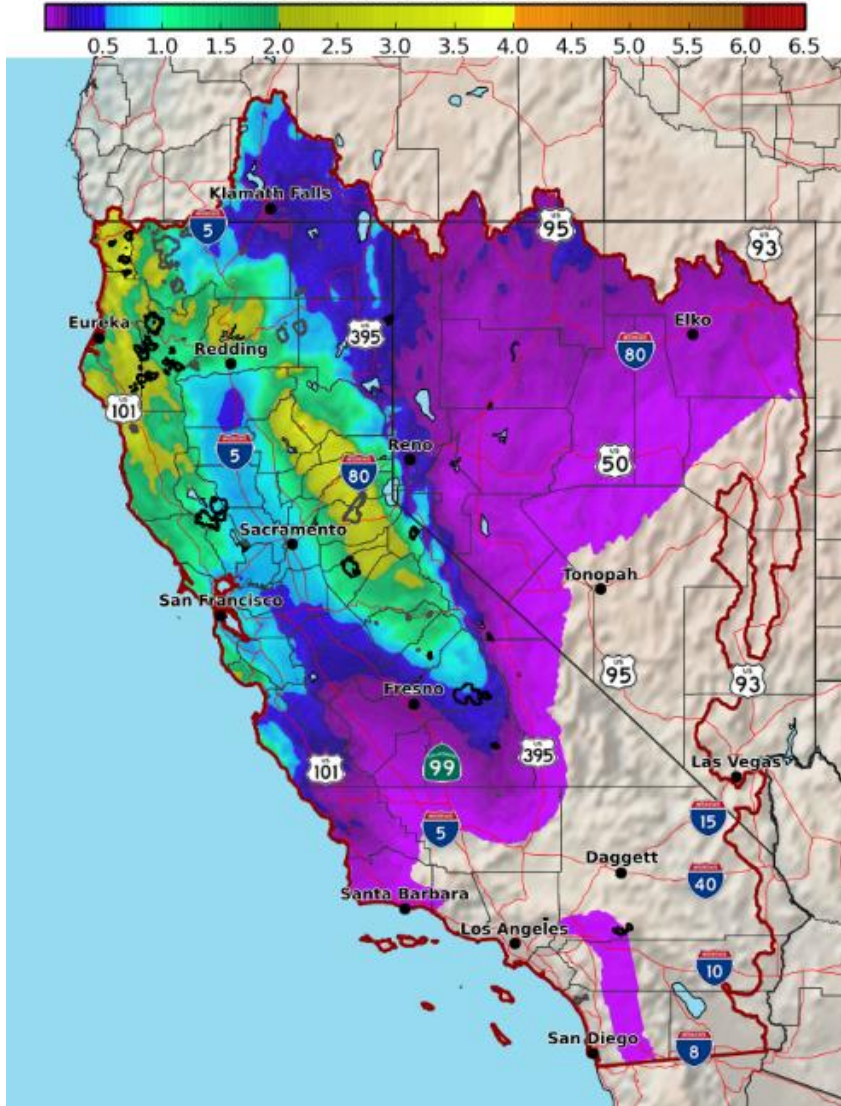


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STATE WEATHER MAP

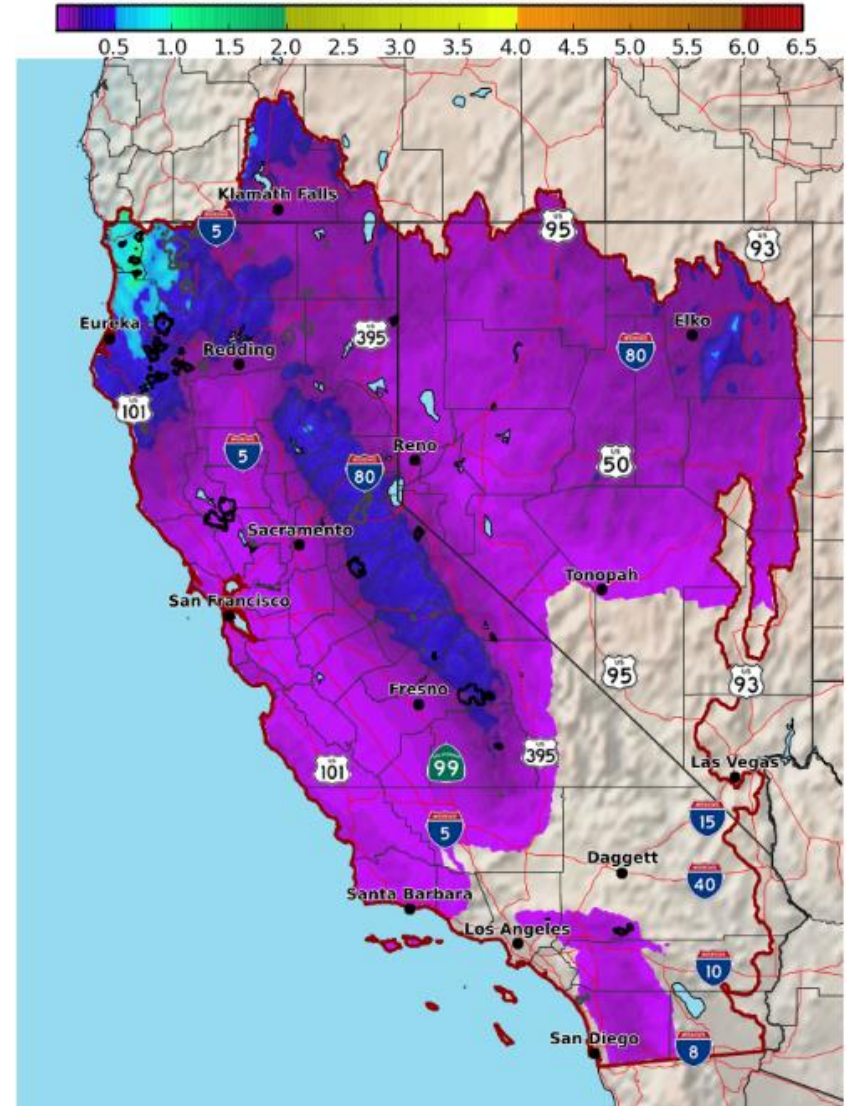
24-Hour Forecast Precipitation (Inches)

Valid: Sun Mar 13, 2016 at 05 AM PDT to Mon Mar 14, 2016 at 05 AM PDT



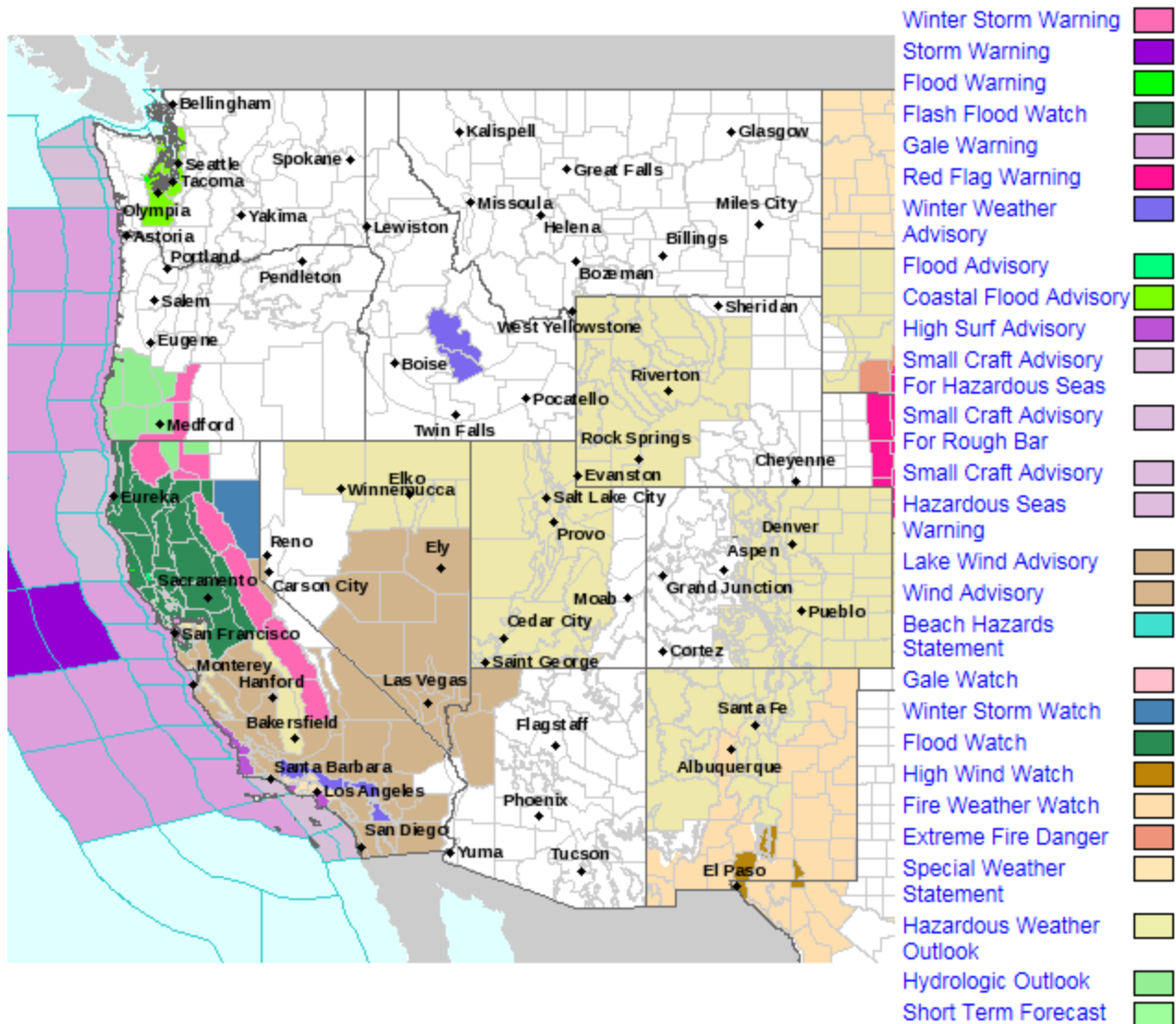
24-Hour Forecast Precipitation (Inches)

Valid: Mon Mar 14, 2016 at 05 AM PDT to Tue Mar 15, 2016 at 05 AM PDT



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STATE WEATHER MAP



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FIRE ACTIVITY



Preparedness Levels

National Preparedness Level 1

Northern California

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

- The SOC is activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Recovery/Individual Assistance finalized an updated 2015 version of the drought brochure of programs and services for individuals, businesses, farmers, and ranchers. It has been put on the Governor's Drought webpage. State agencies may put the following link to the brochure on their webpage <http://ca.gov/drought/pdf/Drought-Assistance-Brochure-2015.pdf>
- Cal OES Regions (Inland, Coastal, Southern) collective OA drought call is facilitated by the SOC and will be held once per month.

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

Local Emergency Proclamations:

A total of 61 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 27 Counties: Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 13 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County) and City of West Sacramento (Yolo County), City of Willits (Mendocino County), and City of Fort Bragg (Mendocino County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).

CAL OES MISSIONS

Ongoing Cal OES Missions

- **2016-LAW- 21882, 3/9/2016, 2017 hours** - Monterey County Sheriffs Office (MCSO) requested mutual aid for a search involving a 17 year old male who fell from a cliff at Garrapata State Beach, entering the surf zone of the Pacific Ocean. MCSO requested a helicopter to assist in locating the subject. USCG and CHP are currently reviewing the mission parameters and determining current weather conditions at this time. **Mission Ongoing**



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.